

PSRX-30W-12V-UNV

4-IN-1 DIMMABLE DRIVER W/ JUNCTION BOX

Project _____

Location _____

Quote/ Ref # _____

The **PSRX SERIES** indoor/outdoor drivers are highly efficient, stable with smooth dimming capability compatible with most TRIAC, ELV, MLV, 0-10V reverse and forward phase dimmers, and on/off switches. These drivers are derated allowing them to be loaded to maximum wattage capacity.

SPECIFICATIONS

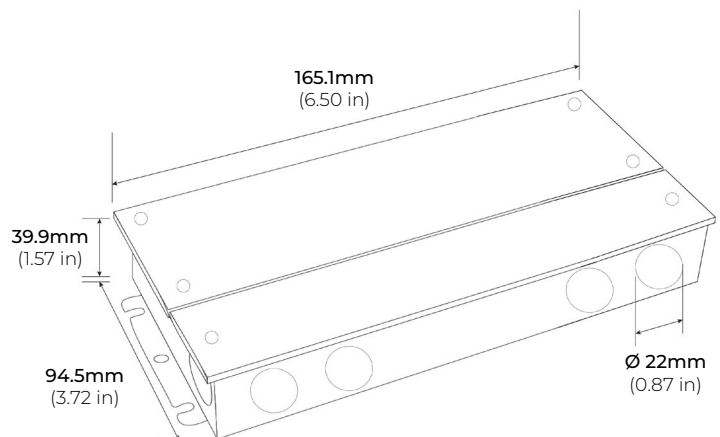
| INPUT | |
|------------------------|--|
| INPUT VOLTAGE RANGE | 100-277V AC |
| INPUT FREQUENCY RANGE | 47 - 63 Hz |
| POWER FACTOR | > 0.92 |
| POWER FACTOR (AVG.) | ≥ 0.99 (120VAC); ≥ 0.94 (277VAC) |
| EFFICIENCY | > 79% |
| AC CURRENT (MAX.) | 0.5A (100V AC) |
| INRUSH CURRENT | 7A, 50%, 1.4ms |
| LEAKAGE CURRENT | < 0.5mA |
| OUTPUT | |
| OUTPUT VOLTAGE | 12V DC |
| OUTPUT CURRENT (MAX.) | 2.5A |
| OUTPUT WATTAGE (MAX.) | 30W |
| MINIMUM LOAD | 10% |
| MAXIMUM LOAD | 100% |
| LOAD REGULATION | 1% |
| LINE REGULATION | 5% |
| PROTECTION | |
| SHORT CIRCUIT | Shut down o/p voltage, re-power on to recover after fault is removed |
| OVER LOADING | ≤120% shut down o/p voltage, repower on to recover |
| ENVIRONMENT | |
| WORKING TEMPERATURE | -40°F (-40°C) ~ 140°F (60°C) |
| WORKING HUMIDITY | 20-90% RH, non-condensing |
| STORAGE TEMPERATURE | -40°F (-40°C) ~ 176°F (80°C) |
| SAFETY | |
| SAFETY STANDARDS | UL 8750, UL 1310 |
| WITHSTAND VOLTAGE | I/P-O/P: 1.88KV AC |
| ISOLATION RESISTANCE | I/P-OP: 100MΩ/ 500V DC/ 25°C, 70%RH |
| EMC EMISSION | FCC Part 15 B |
| OTHER | |
| WIRE TERMINAL | Fits up to 12AWG |
| WARRANTY | 5-Year Limited Warranty |
| DIMENSIONS (L x W x H) | 6.50" x 3.72" x 1.57" |
| MTBF | 50,000 Hrs. |



FEATURES

- Class 2
- High power factor/ efficiency
- 0-100% Dimming Range
- Dry or wet location
- Superior PWM dimming technology
- Factory derated
- Only 10% minimum load
- Compatible with MLV, ELV, 0-10V and TRIAC dimmers
- Free Air Convection Cooling
- UL Listed (US and Canada)

DIMENSIONS

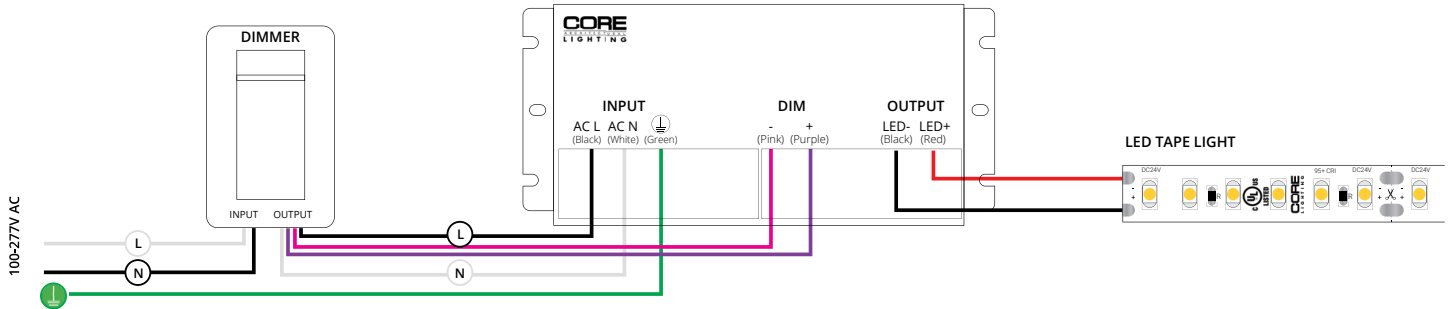


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WIRING DIAGRAM

TRIAC DIMMING



0-10V 1-10V DIMMING

